

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022563.D
 Acq On : 25 Jun 2016 7:27
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 27 01:03:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	110932	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	490452	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	368921	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	941983	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1065452	20.00	ng	0.00
86) Perylene-d12	25.21	264	1115272	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	544938	78.79	ng	0.00
7) Phenol-d6	7.31	99	809890	83.08	ng	0.00
23) Nitrobenzene-d5	9.33	82	926653	79.97	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	471662	81.28	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1819386	78.21	ng	0.00
78) Terphenyl-d14	20.16	244	2835855	70.52	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	102101	36.42	ng	94
3) Pyridine	3.99	79	330646	42.17	ng	94
4) n-Nitrosodimethylamine	3.90	42	173188	38.62	ng	99
6) Aniline	7.49	93	555125	42.95	ng	98
8) 2-Chlorophenol	7.72	128	292463	40.82	ng	96
9) Benzaldehyde	7.30	77	150150	43.77	ng	96
10) Phenol	7.34	94	440016	42.71	ng	96
11) bis(2-Chloroethyl)ether	7.58	93	347054	40.92	ng	98
12) 1,3-Dichlorobenzene	8.06	146	334002	38.31	ng	97
13) 1,4-Dichlorobenzene	8.20	146	343565	39.31	ng	93
14) 1,2-Dichlorobenzene	8.52	146	331539	39.89	ng	92
15) Benzyl Alcohol	8.41	79	405018	44.90	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.70	45	380082	40.52	ng	94
17) 2-Methylphenol	8.60	107	290822	42.82	ng	93
18) Hexachloroethane	9.26	117	142005	39.25	ng	93
19) n-Nitroso-di-n-propylamine	8.98	70	347173	42.76	ng	98
20) 3+4-Methylphenols	8.93	107	396634	42.40	ng	96
22) Acetophenone	8.99	105	561182	39.58	ng	# 93
24) Nitrobenzene	9.38	77	496955	38.80	ng	96
25) Isophorone	9.90	82	899855	40.00	ng	97
26) 2-Nitrophenol	10.09	139	179607	38.93	ng	98
27) 2,4-Dimethylphenol	10.14	122	330014	37.44	ng	91
28) bis(2-Chloroethoxy)methane	10.39	93	493900	40.21	ng	99
29) 2,4-Dichlorophenol	10.63	162	353037	41.11	ng	99
30) 1,2,4-Trichlorobenzene	10.85	180	387738	38.03	ng	97
31) Naphthalene	11.04	128	963709	39.09	ng	98
32) Benzoic acid	10.26	122	236670	41.81	ng	91
33) 4-Chloroaniline	11.14	127	469646	44.23	ng	98
34) Hexachlorobutadiene	11.33	225	306500	38.67	ng	93
35) Caprolactam	11.92	113	123867	45.79	ng	95
36) 4-Chloro-3-methylphenol	12.25	107	445157	42.23	ng	99
37) 2-Methylnaphthalene	12.64	142	775120	40.54	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	504521	36.22	ng	100
40) Hexachlorocyclopentadiene	12.98	237	397158	35.72	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	349477	39.13	ng	97
43) 2,4,5-Trichlorophenol	13.30	196	380116	40.67	ng	94
45) 1,1'-Biphenyl	13.63	154	1039130	36.98	ng	100
46) 2-Chloronaphthalene	13.68	162	860827	37.22	ng	98
47) 2-Nitroaniline	13.88	65	363751	40.75	ng	98
48) Acenaphthylene	14.53	152	1291768	38.51	ng	99
49) Dimethylphthalate	14.25	163	1179460	38.54	ng	98
50) 2,6-Dinitrotoluene	14.37	165	260355	39.15	ng	92
51) Acenaphthene	14.86	154	961944	38.93	ng	99
52) 3-Nitroaniline	14.70	138	257762	41.42	ng	82
53) 2,4-Dinitrophenol	14.90	184	169482	41.38	ng	96
54) Dibenzofuran	15.20	168	1364299	38.12	ng	99
55) 4-Nitrophenol	14.99	139	218443	41.51	ng	92
56) 2,4-Dinitrotoluene	15.15	165	388123	42.13	ng	# 95
57) Fluorene	15.85	166	1110862	38.90	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	387320	39.98	ng	99
59) Diethylphthalate	15.61	149	1224886	38.93	ng	99
60) 4-Chlorophenyl-phenylether	15.84	204	661708	38.92	ng	98
61) 4-Nitroaniline	15.87	138	262069	40.82	ng	# 85
62) Azobenzene	16.13	77	1312862	38.53	ng	96
64) 4,6-Dinitro-2-methylphenol	15.91	198	250293	39.62	ng	98
65) n-Nitrosodiphenylamine	16.05	169	1044481	38.10	ng	98
66) 4-Bromophenyl-phenylether	16.74	248	452357	37.02	ng	98
67) Hexachlorobenzene	16.85	284	486983	37.69	ng	100
68) Atrazine	17.00	200	452088	39.06	ng	99
69) Pentachlorophenol	17.19	266	347855	39.12	ng	98
70) Phenanthrene	17.60	178	1853309	38.58	ng	98
71) Anthracene	17.69	178	1878269	37.99	ng	99
72) Carbazole	17.96	167	1649202	39.35	ng	99
73) Di-n-butylphthalate	18.51	149	1966931	40.30	ng	99
74) Fluoranthene	19.60	202	2237333	40.43	ng	98
76) Benzidine	19.77	184	642055	56.60	ng	98
77) Pyrene	19.96	202	2234538	39.38	ng	98
79) Butylbenzylphthalate	20.84	149	970435	39.50	ng	97
80) Benzo(a)anthracene	21.83	228	2320718	39.36	ng	97
81) 3,3'-Dichlorobenzidine	21.74	252	948248	38.94	ng	97
82) Chrysene	21.90	228	2190830	39.55	ng	97
83) Bis(2-ethylhexyl)phthalate	21.72	149	1300085	37.59	ng	97
84) Di-n-octyl phthalate	22.99	149	2182126	38.27	ng	99
85) Indeno(1,2,3-cd)pyrene	29.06	276	2847576	39.11	ng	# 100
87) Benzo(b)fluoranthene	24.14	252	2573994	38.38	ng	96
88) Benzo(k)fluoranthene	24.21	252	2411843	38.04	ng	# 98
89) Benzo(a)pyrene	25.05	252	2465114	37.71	ng	# 99
90) Dibenzo(a,h)anthracene	29.13	278	2360367	38.35	ng	# 97
91) Benzo(g,h,i)perylene	30.27	276	2381937	38.02	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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